

demodulating signals received in accordance with the selected reception method. Another feature of the claimed invention is to select either directional transmission or diversity transmission based on the fading correlation and then transmit radio signals in accordance with the selected transmission method. These features provide an advantage of enhancing radio communication quality when the propagation fading correlation is small.

The Office Action proposes that Akaiwa discloses selecting either directional reception or diversity reception and demodulating signals received in accordance with the selected reception method (see Office Action page 2, last paragraph).

However, Akaiwa discloses in Fig. 1 a selection circuit 18 that receives signals from both a processing circuit 13, which the Office Action proposes is equivalent to a directional reception circuit, and a processing circuit 14, which the Office Action proposes is equivalent to a diversity reception circuit. As a result, the proposed circuits 13 and 14 inevitably perform the proposed directional and diversity reception processing before selection circuit 18 selects the reception method to be used for reproducing the communicated signal.

By contrast to Akaiwa's disclosure, however, the claimed invention, as exemplified in the non-limiting embodiment illustrated by Fig. 6, is comprised of a diversity reception

circuit 107 and a AAA reception circuit 106 that receive their respective input signals from a switching section 104.

Therefore, only one reception circuit 106 or 107 operationally performs the reception functionality in accordance with the signal output path selected by switching section 104.

Accordingly, the power consumption may be reduced since only one of reception circuits 106 or 107 is operational.

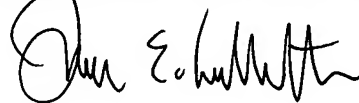
Akaiwa's receiver is not capable of achieving the above-described advantage because Akaiwa's selection circuit 18 receives input signals provided by both the proposed directional and diversity reception circuits 13 and 14. Scherzer and Kohno do not supplement the teachings of Akaiwa with respect to the above-mentioned features and advantage distinguishing independent claims 10 and 17 from Akaiwa.

Accordingly, the Applicants submit that the applied references, considered alone or together, do not teach or suggest the subject matter defined by claims 10 and 17. Therefore, allowance of claims 10 and 17 and all claims dependent therefrom is warranted.

In view of the above, it is submitted that this application is in condition for allowance, and a notice to that effect is respectfully solicited.

If any issues remain which may best be resolved through a telephone communication, the Examiner is requested to telephone the undersigned at the local Washington, D.C. telephone number listed below.

Respectfully submitted,



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